



APPENDIX A: Pending Claims

1. A method for transmitting information from a server to a client station in a mobile-based client-server system, the method comprising the steps of:

determining whether the server has information to be transmitted to the client station; and

transmitting a message from a transceiver associated with the server directly to a transceiver associated with the client station in response to the server having information for the client station without the client station initiating to establish a connection to the server.
2. The method of claim 1, further comprising the step of establishing a connection between the client station and the server in response to the message from the server to the client station.
3. The method of claim 2, wherein the step of establishing a connection includes establishing the connection between the client station and the server via the transceiver associated with the client station and the transceiver associated with the server.
4. The method of claim 1, wherein the step of transmitting a message includes transmitting the message indicating a type of the information to be transmitted to the client station.
5. The method of claim 4, further comprising the step of evaluating the message at the client station to determine whether the information is of a selected type.
6. The method of claim 1, wherein the step of transmitting a message includes transmitting the message indicating a quantity of the information to be transmitted to the client station.
7. The method of claim 1, wherein the step of transmitting a message from a transceiver associated with the server to a transceiver associated with the client station includes transmitting the message between GSM-based transceivers.
8. The method of claim 7, wherein the step of transmitting the message includes transmitting the message in an SMS paging message format.

10. A method for transmitting information from a server to a client station in a mobile-based client-server system, the method comprising the steps of:

evaluating the information at the server to determine whether the information is of a type and quantity; and

transmitting a message from the server directly to the client station if the information is of the type and quantity, the message indicating the server having the information for the client station without the client station initiating to establish a connection to the server.

11. The method of claim 10, further comprising the steps of:

evaluating the message at the client station to determine whether the information is of a selected type; and

establishing a connection between the client station and the server in response to the information being of the selected type.

12. The method of claim 10, further comprising the steps of:

evaluating the message at the client station to determine whether the information is of a selected quantity; and

establishing a connection between the client station and the server in response to the information being of the selected quantity.

16. A machine readable medium having stored thereon a program for adapting a client station to receive and process messages transmitted from a server via a wireless network connection, and for causing the client station to perform the steps of:

evaluating a received message to determine whether the server has information of a selected type and quantity for the client station, the received message being transmitted from the server without the client station first initiating a connection with the server;

generating a signal containing a telephonic address of a transceiver associated with the server and instructions for establishing a log-on connection with the server in response to the server having the information of the selected type and quantity; and

transmitting the signal to the transceiver associated with the server to establish a communication link with the server based on the telephonic address.

17. The machine readable medium of claim 16, the stored program causing the client station to perform the additional steps of:

transmitting a first request for the information to the server via the communication link;

receiving the information; and

transmitting an additional signal to the server via the communication link.

18. The machine readable medium of claim 17, wherein the step of transmitting an additional signal comprises transmitting a further request for information.

19. A mobile-based client server system, comprising:

a client station transceiver;

a client station coupled to the client station transceiver;

a server transceiver; and

a server coupled to the server transceiver and configured to periodically receive or generate information to be delivered to the client station and to transmit a message to the client station via the server transceiver and the client station transceiver in response to receiving or generating information of a selected type and quantity to be delivered to the client station regardless of whether the client station has initiated transmission by establishing a connection with the server.

20. The mobile-based client-server system of claim 19, wherein the server is further configured to transmit the message indicating both a type and a quantity of the information to be transmitted to the client station without the client station initiating to establish a connection to the server.

21. The mobile-based client-server system of claim 19, wherein:

the client station transceiver and the server transceiver are GSM-based transceivers; and

the server transceiver is configured to transmit the message to the client station transceiver in an SMS paging message format.

22. The mobile-based client-server system of claim 19, wherein the client station is configured to evaluate the message from the server to determine whether the server has the information of the selected type and quantity.

23. The mobile-based client-server system of claim 22, wherein the client station is further configured to establish a log-on connection with the server via the client station transceiver and the server transceiver in response to the message indicating that the server has the information of the selected type and quantity.

24. The method of claim 1, wherein the step of transmitting a message includes transmitting the message further indicating a type or a quantity, or both, of the information to be delivered to the client station.

25. The method of claim 24, further comprising the steps of:

evaluating the message at the client station to determine whether the information is of a selected type or a selected quantity, or both; and

establishing a connection between the client station and the server in response to the information is of the selected type or the selected quantity, or both.